

What is claimed is:

1. A stencil printing machine comprising:

a perforating section comprising a thermal head and a  
platen roller provided at a position opposed to the thermal head  
5 for perforating a desired image while transferring stencil sheet  
by driving to rotate the platen roller;

a drum in a cylindrical shape to which the stencil sheet  
perforated by the perforating section can be set;

a transfer section for transferring the perforated stencil  
10 sheet at a predetermined speed on a transfer path between the  
perforating section and the drum in the cylindrical shape;

detecting means for detecting passing of the stencil  
sheet at predetermined positions of the transfer path; and

control means for controlling to reduce a speed of driving  
15 the platen roller in the perforating section when the detecting  
means detects passing of the stencil sheet.

2. A stencil printing machine comprising:

a perforating section comprising a thermal head and a  
platen roller provided at a position opposed to the thermal head  
20 for perforating a desired image while transferring stencil sheet  
by driving to rotate the platen roller;

a plurality of drums in a cylindrical shape around which  
the perforated stencil sheet can be wound;

a transfer path comprising a common transfer path used  
25 commonly for all of the drums when the perforated stencil sheet  
is transferred to and wound around any one of the drums and a  
noncommon transfer path communicated with the common

transfer path;

a transfer section for transferring the perforated stencil sheet at a predetermined speed on the transfer path;

detecting means for detecting passing of the stencil sheet at predetermined positions of the transfer path; and

control means for controlling to reduce a speed of driving the platen roller at the perforating section when the stencil sheet is determined to transfer to a boundary between the common transfer path and the noncommon transfer path by a detecting signal of the detecting means.

3. The stencil printing machine according to Claim 2:

wherein the common transfer path comprises:

upstream side fixed guide plates one end sides of which are communicated with the perforating section and which are arranged to be opposed to each other at an interval therebetween capable of passing the stencil sheet; and

upstream side movable guide plates one end sides of which are communicated to other end sides of the upstream side fixed guide plates and which are arranged to be opposed to each other at an interval therebetween capable of passing the stencil sheet to communicate to the noncommon transfer path or a clamp mechanism of the drum; and

wherein the noncommon transfer path comprises:

downstream side fixed guide plates one end sides of which are communicated to the common transfer path and which are arranged to be opposed to each other at an interval therebetween capable of passing the stencil sheet; and

downstream side movable guide plates one end sides of which are communicated to other end sides of the downstream side fixed guide plates and other end sides of which are arranged to be opposed to each other at an interval therebetween capable  
5 of passing the stencil sheet to be capable of communicating to the clamp mechanism of the drum.

4. A stencil sheet transfer method of a stencil printing machine, comprising the steps of:

10 perforating a desired image while transferring stencil sheet;

transferring the perforated stencil sheet at a predetermined speed on a transfer path of the stencil sheet;

15 detecting passing of the stencil sheet at predetermined positions of the transfer path and reducing a speed of transferring the stencil sheet; and

winding the stencil sheet around a drum in a cylindrical shape.

5. A stencil sheet transfer method of a stencil printing machine comprising the steps of:

20 perforating a desired image by transferring stencil sheet;

transferring the perforated stencil sheet at a predetermined speed on a transfer path of the perforated stencil sheet comprising a common transfer path used commonly by all  
25 of drums when the perforated stencil sheet is transferred to and wound around any one of a plurality of the drums in a cylindrical shape and a noncommon transfer path communicated

with the common transfer path;

detecting passing of the stencil sheet at the common transfer path and the noncommon transfer path and reducing a transfer speed of the stencil sheet when the stencil sheet is  
5 determined to be transferred to a boundary between the common transfer path and the noncommon transfer path; and

winding the stencil sheet around the drums in a cylindrical shape.